

Mail Stop Issue Fee  
App. SN. 10/073,001  
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IN THE CLAIMS

1 (previously presented): A process for preparing nitrogen trifluoride, by the fluorination of urea and products of urea decomposition with elemental fluorine in anhydrous hydrogen fluoride at a temperature of -20°C to 0°C and with the molar ratio of said fluorine to the urea and products of urea decomposition of not over 3.

2 (previously presented): The process of claim 1, wherein the concentration of said urea and products of urea decomposition in said anhydrous hydrogen fluorine is 20-50% by weight.

3 (currently amended): The process of claim 1, wherein the fluorination is carried out at a temperature of -20°C to -10°C and with the molar ratio of fluorine to the urea and products of urea decomposition of not over 0.5 till the moment of appearance of nitrogen trifluoride in the fluorination waste gases.

4 (canceled).

5 (previously presented): The process of claim 3, wherein after the appearance of nitrogen trifluoride in the fluorination waste gases the fluorination is carried out in the temperature range of -15°C to 0°C.